

Revision History for //depot/main/Redirector/UserControl.cpp

Revision	File Name	Changelist	Date	Description	Actions
3	//depot/m...	2357	2000/01/14	Merge in calendar sync changes from Continuus.	View Sync Diff Review Diff vs Client File Describe Changelist Help OK Display Branching History
2	//depot/m...	2265	2000/01/13	Apply 2.0 files	View Sync Diff Review Diff vs Client File Describe Changelist Help OK Display Branching History
1	//depot/m...	2100	2000/01/10	Add redirector to P4	View Sync Diff Review Diff vs Client File Describe Changelist Help OK Display Branching History

```
*****  
usercontrol.cpp - UserControl class.  
  
*****  
  
5   Description:  
     See usercontrol.h for description.  
  
     Original Author: Harry and Craig?  
     Modified By: Rob Oliver  
     Modified By:  
  
10  (C) 1997, 1998 Research In Motion Ltd.  
*****  
  
*****  
  
15  #pragma warning(disable:4201)  
    #pragma warning(disable:4514)  
    #pragma warning(disable: 4786) // identifier was truncated to '255' characters in the browser information  
    #pragma warning(disable: 4503) // unreferenced local function has been removed  
  
20  // disable warnings produced by STL  
    #pragma warning(disable: 4100) // unreferenced formal parameter  
    #pragma warning(disable: 4663) // C++ language change  
    #pragma warning(disable: 4244) // 'return' : conversion from 'const int' to 'char', possible loss of data  
    #pragma warning(disable: 4018) // signed/unsigned mismatch  
    #pragma warning(disable: 4710) // function not expanded  
    #pragma warning(disable: 4512) // assignment operator could not be generated  
  
25  
  
30  #include "usercontrol.h"  
    #include <assert.h>  
    #include <process.h>  
    #include <stdio.h>  
    #include <stdlib.h>  
    #include <stdarg.h>  
    #include "ses.h"  
    #include "debug.h"  
    #include "mailbox.h"  
    #include "time.h"  
    #include "ce.h"  
    #include "format.h"  
    #include "icliformat.h"  
    #include "timer.h"  
  
35  
  
40
```

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ReportEx(DebugLog::LOG_WARNING, fcn, "DecryptDecompress() failed, Tag=%d", epId);
SendTransactionErrorStatusToDevice(GME::E_DECRYPTION_ERROR, transid);

}

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unsigned char cmd;
if ('t'GetOneByte(ClearStream, cmd)) {
    ReportEx(DebugLog::LOG_WARNING, fcn, "Bad format, Tag=%d", epId);
    SendTransactionErrorStatusToDevice(GME::E_BAD_GME_FORMAT, transid);
}

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switch (cmd) {
    case GME::MESSAGE_FROM_PAGER:
    case GME::MESSAGE_FROM_SERVER: // debug
        //ReportEx(DebugLog::LOG_DEBUG, fcn, "MESSAGE_FROM_PAGER");
        if (!strcmp(pszContentType, "CMIME")) {
            // Mail item
            retval = HandleMessageToSubmit(ClearStream, transid, epId);
        }
        else if (!strcmp(pszContentType, "CICAL")) {
            // Calendar item
            retval = HandleAppointmentToSynchronize(ClearStream, transid, epId);
        }
        else {
            // Unknown content type
            retval = false;
        }
    }

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break;

case GME::MORE_REQUEST:
//ReportEx(DebugLog::LOG_DEBUG, fcn, "MORE_REQUEST");

int refId;
int requestedOffset;
int requestedLength;
int partId;
if (!GetIntegerData(ClearStream, refId) ||
    !GetIntegerData(ClearStream, partId) ||
    !GetIntegerData(ClearStream, requestedOffset) ||
    !GetIntegerData(ClearStream, requestedLength)) {
    ReportEx(DebugLog::LOG_WARNING, fcn, "Bad format, Tag=%d", epId);
    SendTransactionErrorStatusToDevice(GME::E_BAD_GME_FORMAT, transid);
}

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```

```

4130     bool IsRetryable = false;
4131     do
4132     {
4133         status = mailbox->Synchronize( &AppToCalendar );
4134         while ( (status != true) && (retryCnt++ < MAX_RETRIES_ON_MAILBOX_FAILURE) &&
4135               (mailbox->GetLastError(&IsRetryable), IsRetryable) );
4136
4137         if ( status )
4138         {
4139             ReportEx(DebugLog::LOG_DEBUG, fcn, "Calendar appointment synchronized for device, Tag=%d", epId);
4140         }
4141         else
4142         {
4143             Mailbox::ERR_CODE mailRc = mailbox->GetLastError();
4144
4145             // ndfh8. Send back GME::message_error to device with refId from message.
4146             if (mailRc == Mailbox::ERR_NOT_FOUND)
4147             {
4148                 ReportEx(DebugLog::LOG_DEBUG, fcn, "Send() failed: %s, Tag=%d", mailbox_errors[mailRc], epId);
4149             }
4150             else
4151             {
4152                 ReportEx(DebugLog::LOG_WARNING, fcn, "Send() failed: %s, Tag=%d", mailbox_errors[mailRc], epId);
4153             }
4154
4155             switch(mailRc) {
4156
4157                 default:
4158                     case Mailbox::ERR_FAIL:
4159                         errCode = GME::E_GENERAL_MESSAGE;
4160                         break;
4161
4162                     case Mailbox::ERR_RESOURCE_ALLOC:
4163                         errCode = GME::E_MAILBOX_RESOURCE_FAILURE;
4164                         break;
4165
4166                     case Mailbox::ERR_MAIL_CREATION:
4167                         errCode = GME::E_MAIL_CREATION_FAILURE;
4168                         break;
4169
4170                     case Mailbox::ERR_SUBMIT_MAIL:
4171                         errCode = GME::E_MAIL_SUBMIT_FAILURE;
4172                         break;
4173
4174                     case Mailbox::ERR_BAD_RECV:
4175
4176             }
        }
    }
}

```